

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080324\
 Data File : BF138773.D
 Acq On : 03 Aug 2024 16:45
 Operator : RC/JU
 Sample : P3448-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP3

Quant Time: Aug 05 00:52:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

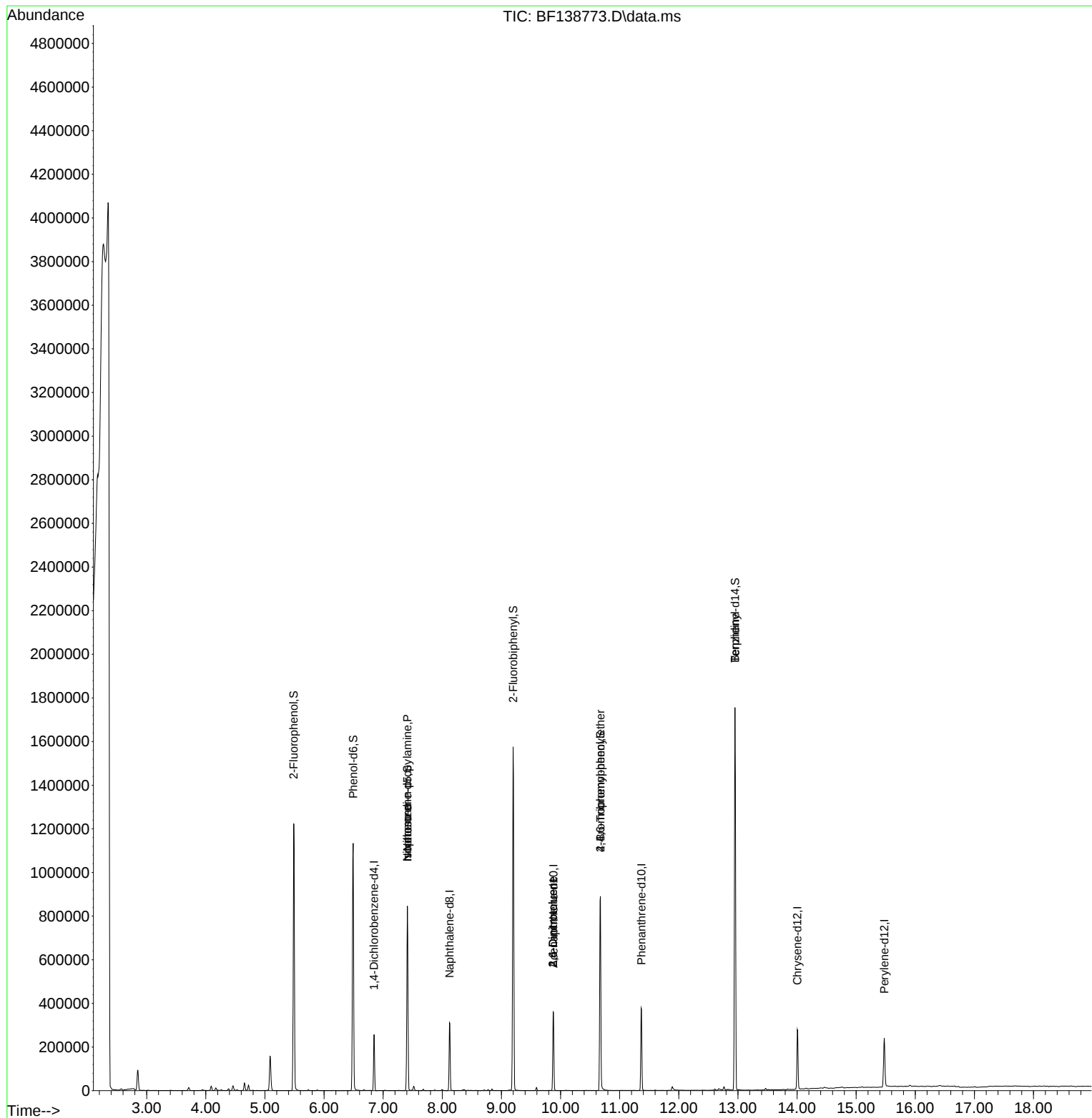
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	48513	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	195354	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	108392	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	196687	20.000	ng	0.00
76) Chrysene-d12	14.004	240	129509	20.000	ng	0.00
86) Perylene-d12	15.474	264	131437	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	425019	135.238	ng	0.02
7) Phenol-d6	6.493	99	538633	127.655	ng	0.00
23) Nitrobenzene-d5	7.410	82	371986	93.097	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	146023	164.463	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	690409	95.702	ng	0.00
79) Terphenyl-d14	12.951	244	829729	107.266	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	51861	20.350	ng	# 72
25) Isophorone	7.410	82	372034	54.528	ng	# 66
51) 2,6-Dinitrotoluene	9.875	165	14104	9.017	ng	# 19
57) 2,4-Dinitrotoluene	9.875	165	14104	7.068	ng	# 16
67) 4-Bromophenyl-phenylether	10.675	248	10278	4.826	ng	# 1
77) Benzidine	12.951	184	11181	3.610	ng	# 91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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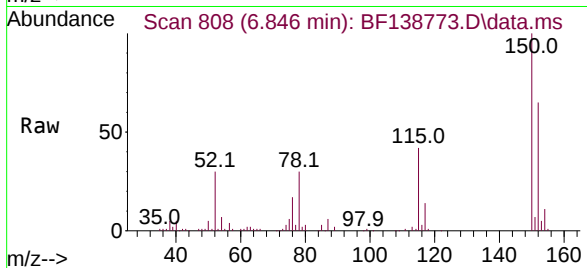
Quant Time: Aug 05 00:52:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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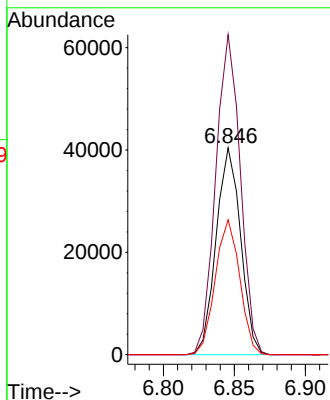
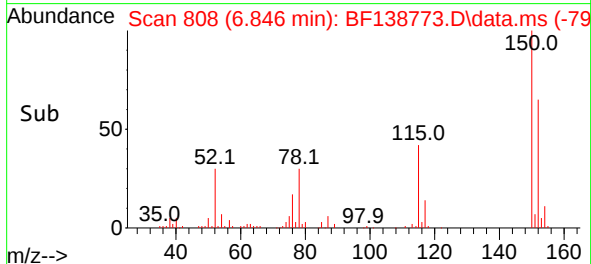


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 808
Delta R.T. 0.001 min
Lab File: BF138773.D
Acq: 03 Aug 2024 16:45

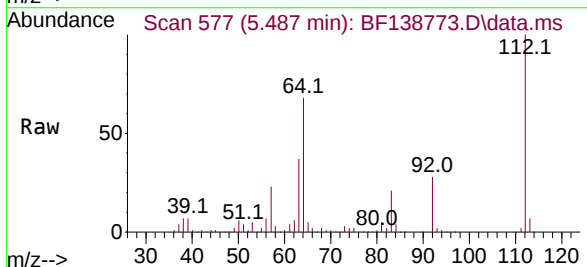
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BNA_F
ClientSampleId :
TP3



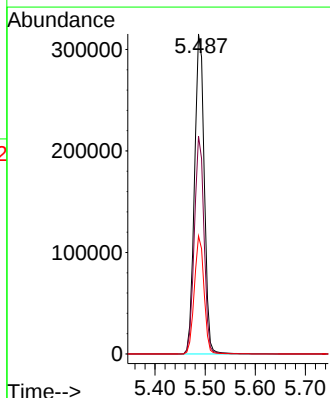
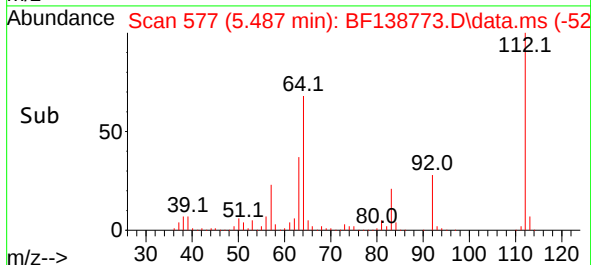
Tgt Ion:152 Resp: 48513
Ion Ratio Lower Upper
152 100
150 154.6 126.0 189.0
115 65.2 51.7 77.5



#5
2-Fluorophenol
Concen: 135.238 ng
RT: 5.487 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF138773.D
Acq: 03 Aug 2024 16:45



Tgt Ion:112 Resp: 425019
Ion Ratio Lower Upper
112 100
64 68.1 54.2 81.4
63 36.8 28.7 43.1

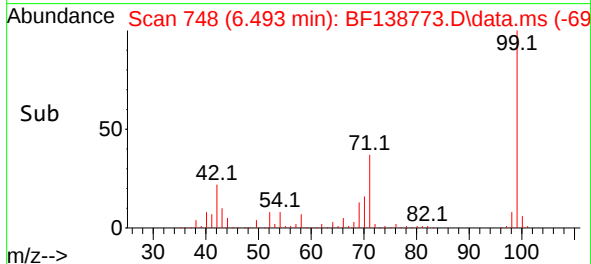
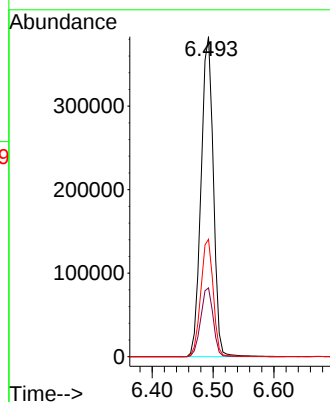
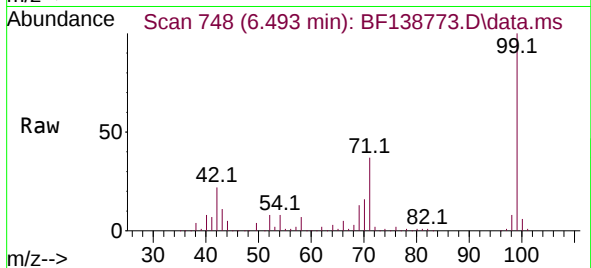




#7
Phenol-d6
Concen: 127.655 ng
RT: 6.493 min Scan# 74
Delta R.T. 0.006 min
Lab File: BF138773.D
Acq: 03 Aug 2024 16:45

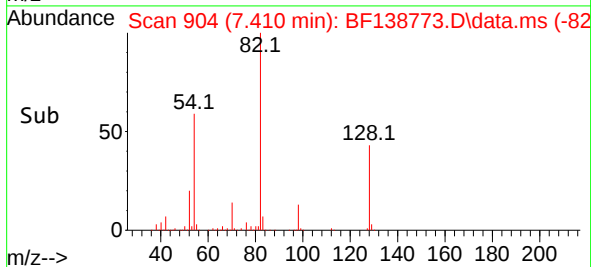
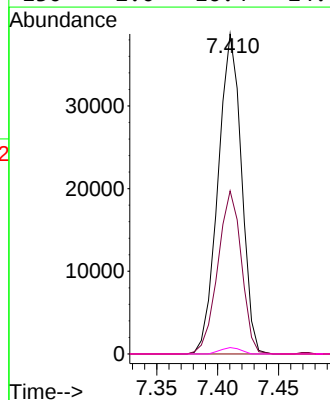
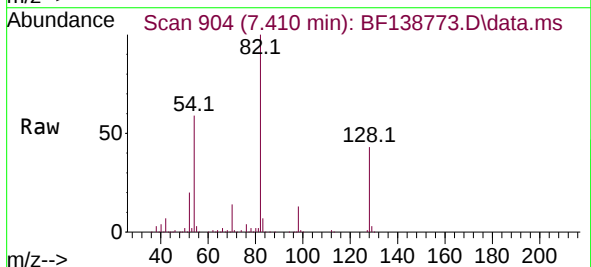
Instrument :
BNA_F
ClientSampleId :
TP3

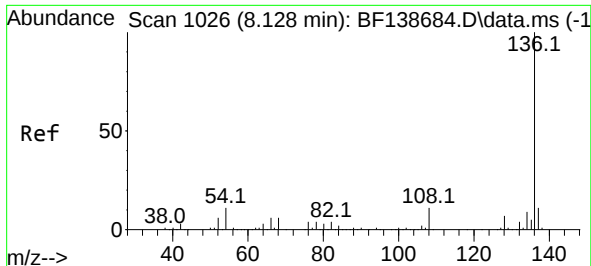
Tgt Ion: 99 Resp: 538633
Ion Ratio Lower Upper
99 100
42 21.5 17.4 26.0
71 36.7 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 20.350 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.153 min
Lab File: BF138773.D
Acq: 03 Aug 2024 16:45

Tgt Ion: 70 Resp: 51861
Ion Ratio Lower Upper
70 100
42 51.0 57.4 86.0#
101 0.0 7.5 11.3#
130 2.0 16.4 24.6#

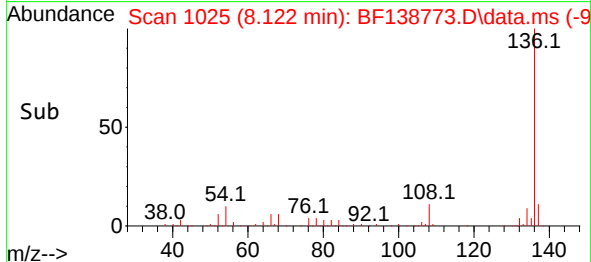
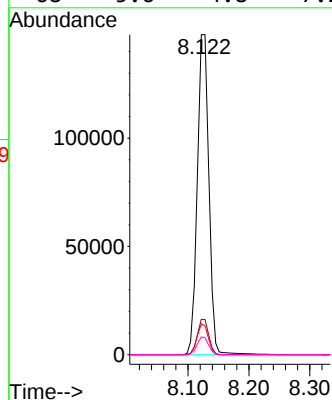
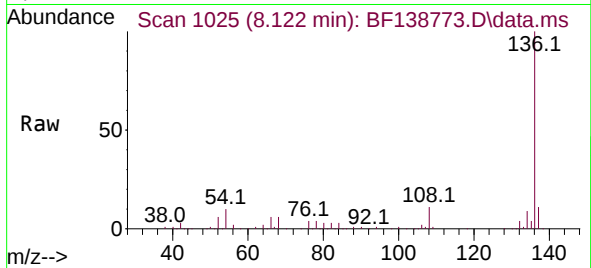




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138773.D
Acq: 03 Aug 2024 16:45

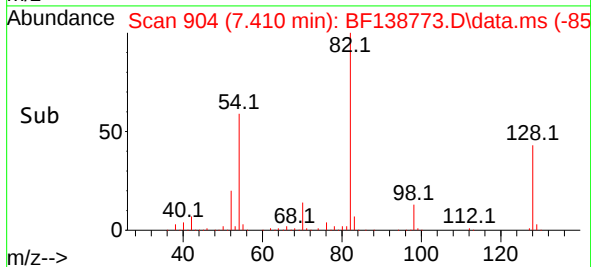
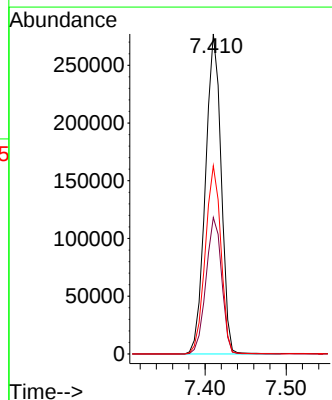
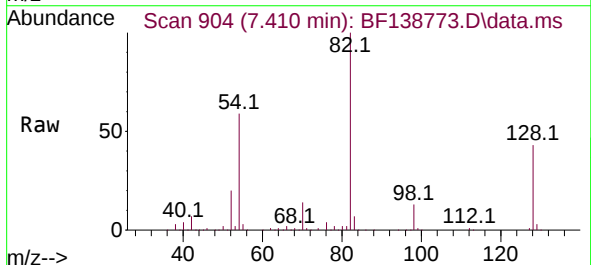
Instrument :
BNA_F
ClientSampleId :
TP3

Tgt Ion:	136	Resp:	195354
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.7	8.6	12.8
68	5.6	4.8	7.2



#23
Nitrobenzene-d5
Concen: 93.097 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF138773.D
Acq: 03 Aug 2024 16:45

Tgt Ion:	82	Resp:	371986
Ion	Ratio	Lower	Upper
82	100		
128	42.7	32.8	49.2
54	58.8	48.3	72.5

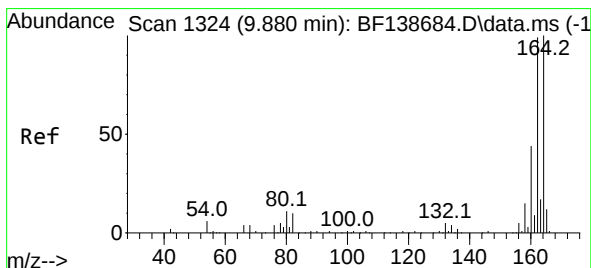
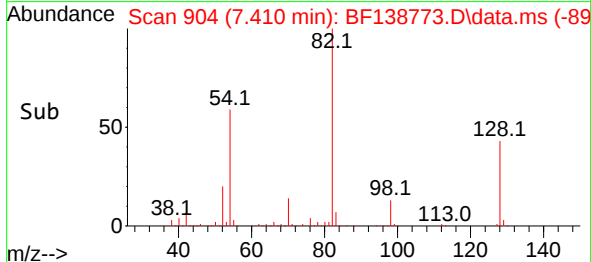
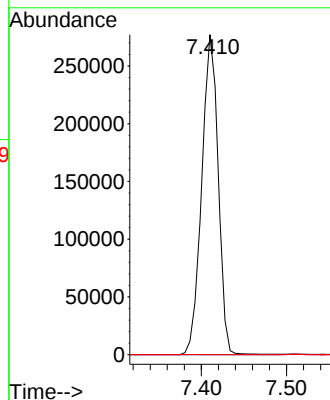
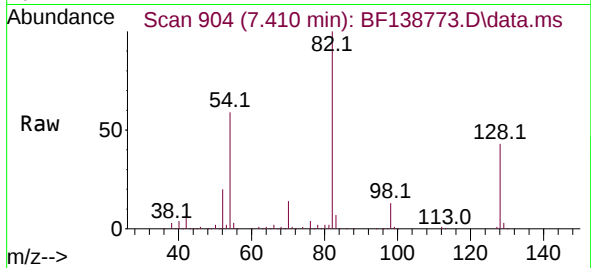




#25
Isophorone
Concen: 54.528 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.259 min
Lab File: BF138773.D
Acq: 03 Aug 2024 16:45

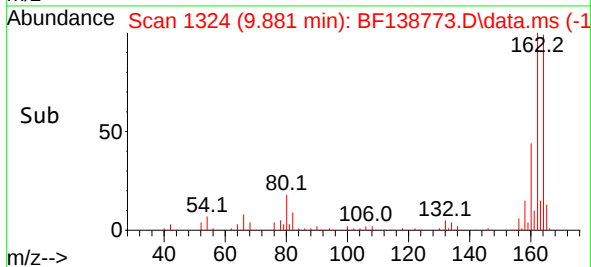
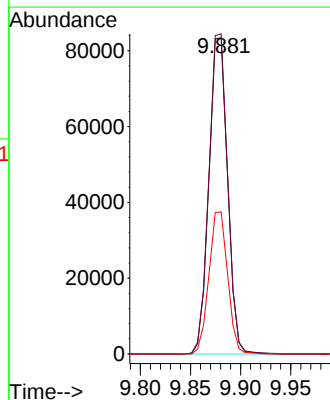
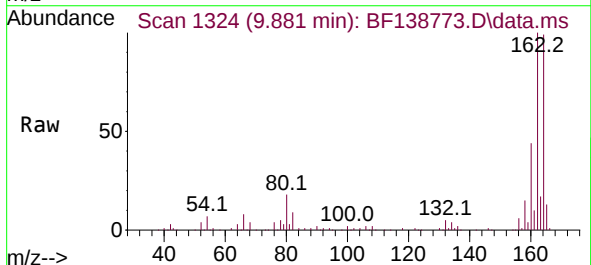
Instrument :
BNA_F
ClientSampleId :
TP3

Tgt Ion: 82 Resp: 372034
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1324
Delta R.T. 0.001 min
Lab File: BF138773.D
Acq: 03 Aug 2024 16:45

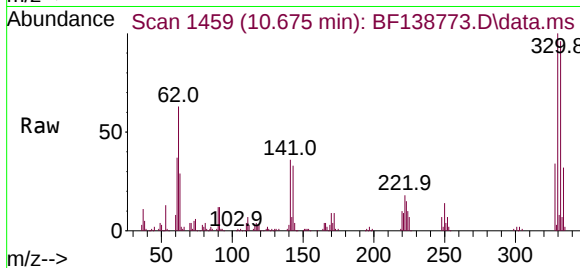
Tgt Ion:164 Resp: 108392
Ion Ratio Lower Upper
164 100
162 101.2 79.4 119.0
160 44.9 35.1 52.7



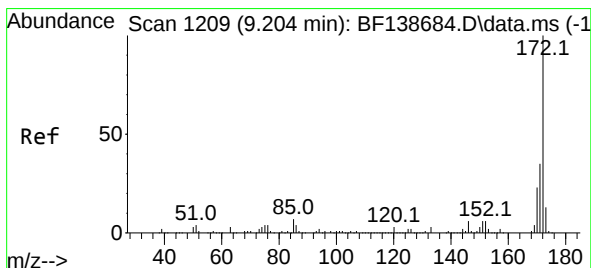
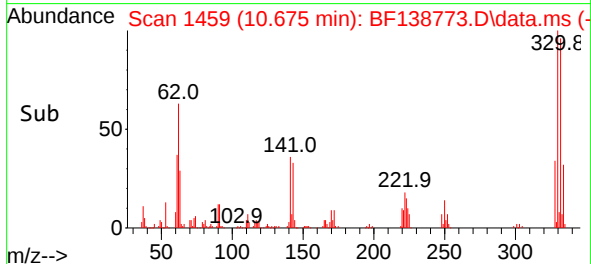
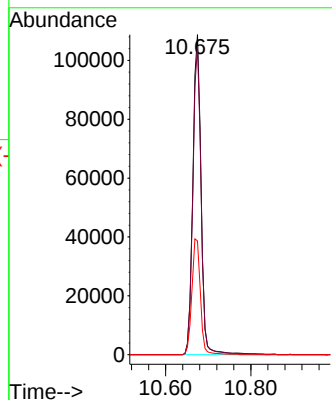


#42
2,4,6-Tribromophenol
Concen: 164.463 ng
RT: 10.675 min Scan# 1458
Delta R.T. 0.006 min
Lab File: BF138773.D
Acq: 03 Aug 2024 16:45

Instrument :
BNA_F
ClientSampleId :
TP3

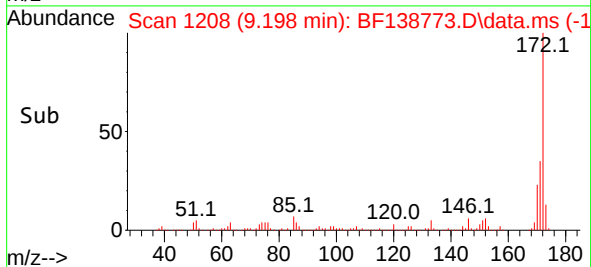
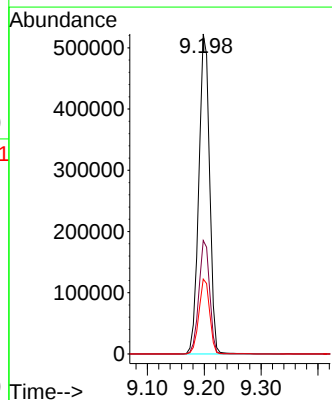
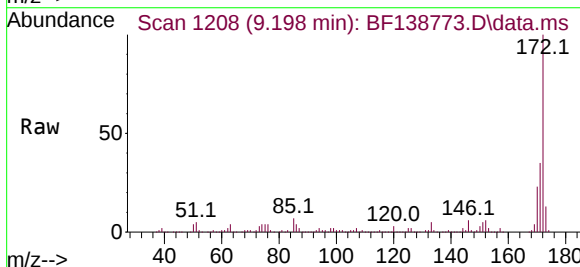


Tgt Ion:330 Resp: 146023
Ion Ratio Lower Upper
330 100
332 96.5 76.4 114.6
141 37.5 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 95.702 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138773.D
Acq: 03 Aug 2024 16:45

Tgt Ion:172 Resp: 690409
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.4 18.8 28.2

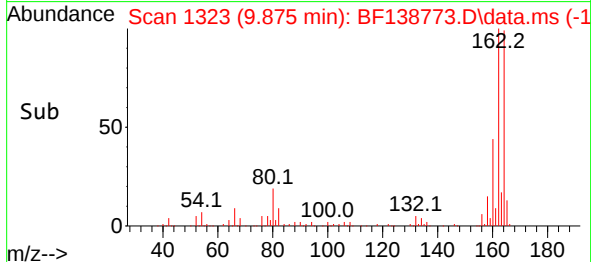
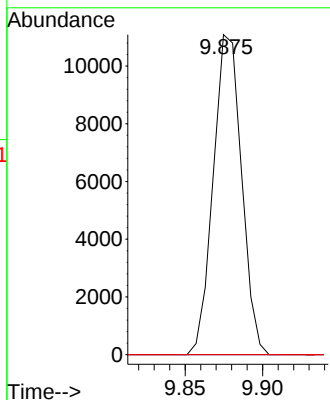
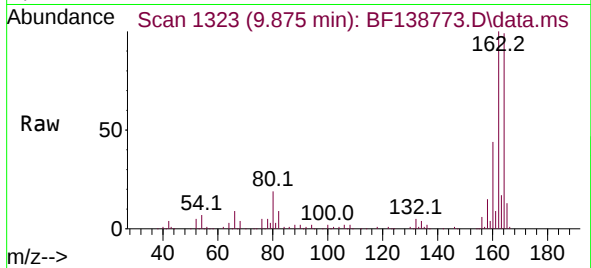




#51
2,6-Dinitrotoluene
Concen: 9.017 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138773.D
Acq: 03 Aug 2024 16:45

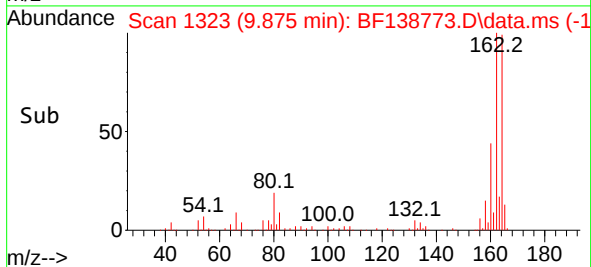
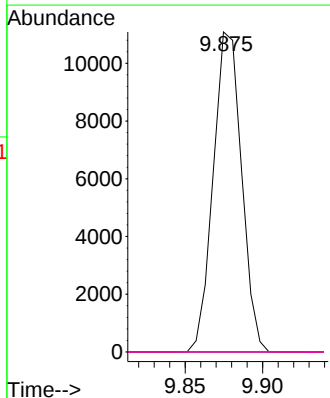
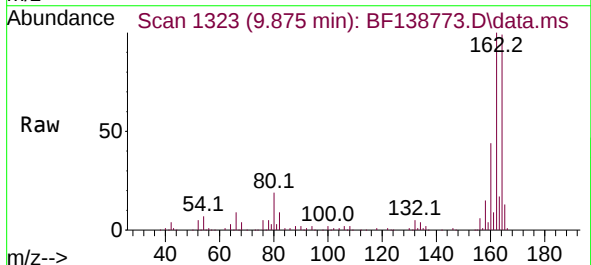
Instrument :
BNA_F
ClientSampleId :
TP3

Tgt Ion:165 Resp: 14104
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 7.068 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.194 min
Lab File: BF138773.D
Acq: 03 Aug 2024 16:45

Tgt Ion:165 Resp: 14104
Ion Ratio Lower Upper
165 100
63 0.0 46.3 69.5#
89 0.0 64.2 96.4#
182 0.0 2.5 3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138773.D

Acq: 03 Aug 2024 16:45

Instrument :

BNA_F

ClientSampleId :

TP3

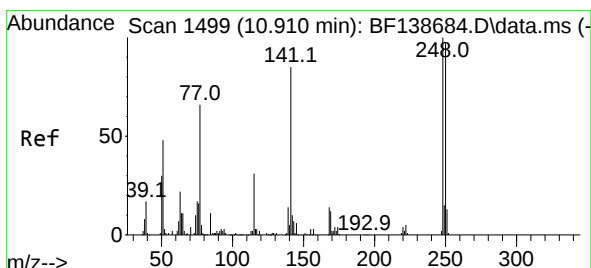
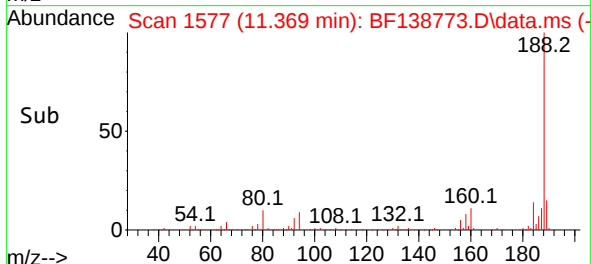
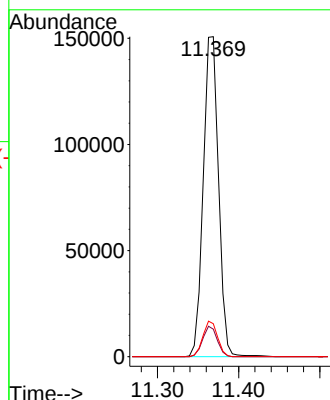
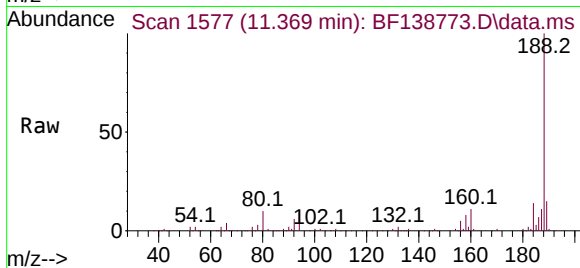
Tgt Ion:188 Resp: 196687

Ion Ratio Lower Upper

188 100

94 8.6 7.6 11.4

80 10.3 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 4.826 ng

RT: 10.675 min Scan# 1459

Delta R.T. -0.235 min

Lab File: BF138773.D

Acq: 03 Aug 2024 16:45

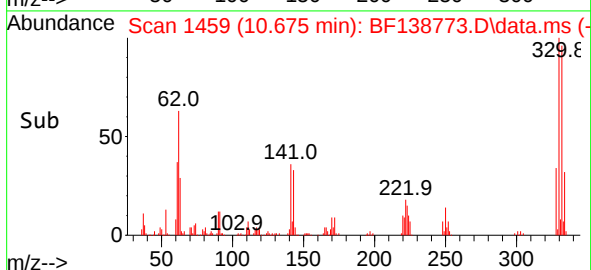
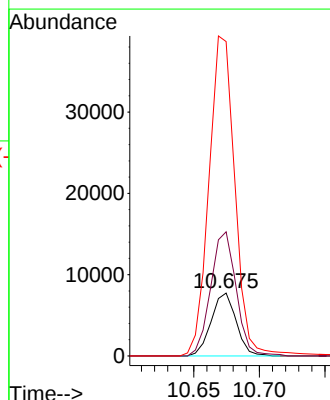
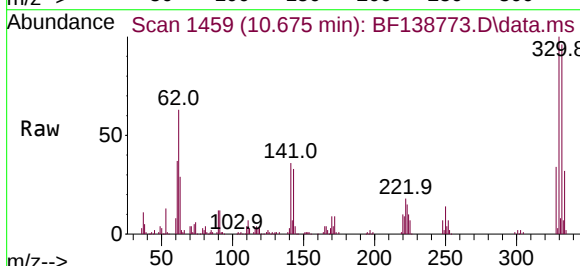
Tgt Ion:248 Resp: 10278

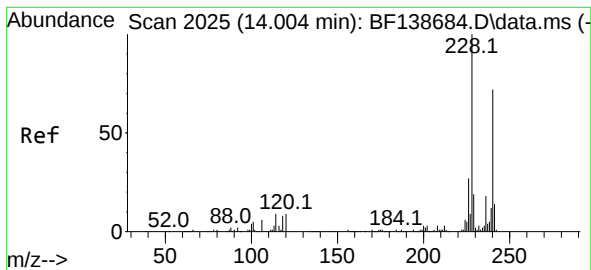
Ion Ratio Lower Upper

248 100

250 197.8 77.7 116.5#

141 500.6 68.0 102.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF138773.D

Acq: 03 Aug 2024 16:45

Instrument :

BNA_F

ClientSampleId :

TP3

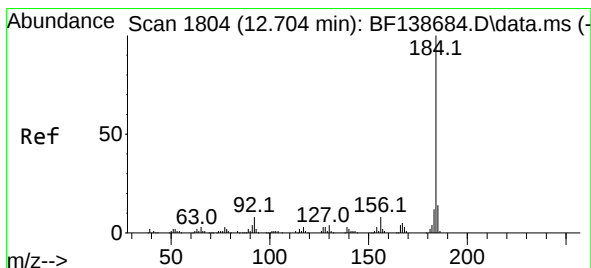
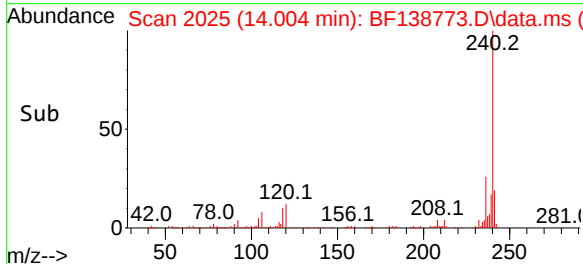
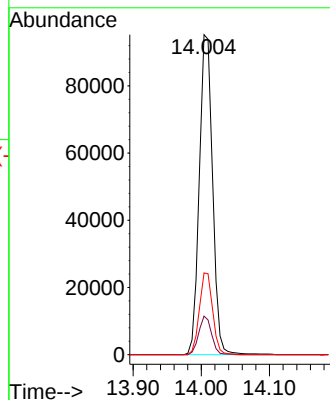
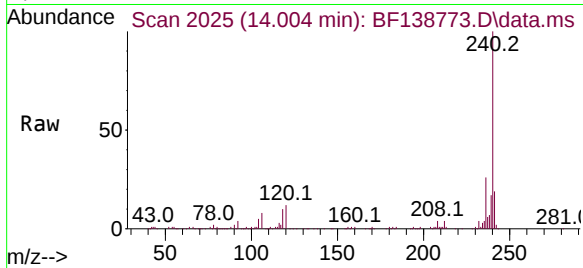
Tgt Ion:240 Resp: 129509

Ion Ratio Lower Upper

240 100

120 12.1 10.2 15.4

236 25.6 19.8 29.8



#77

Benzidine

Concen: 3.610 ng

RT: 12.951 min Scan# 1846

Delta R.T. 0.247 min

Lab File: BF138773.D

Acq: 03 Aug 2024 16:45

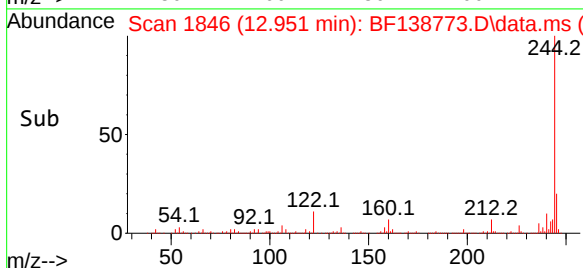
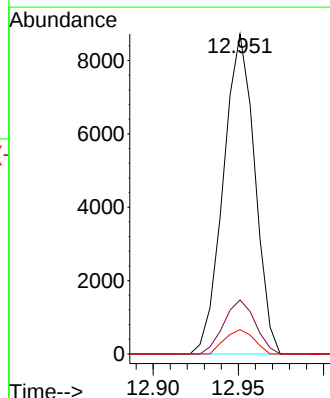
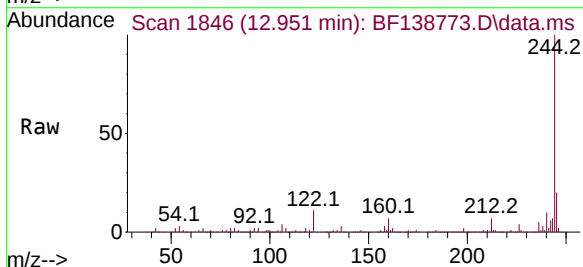
Tgt Ion:184 Resp: 11181

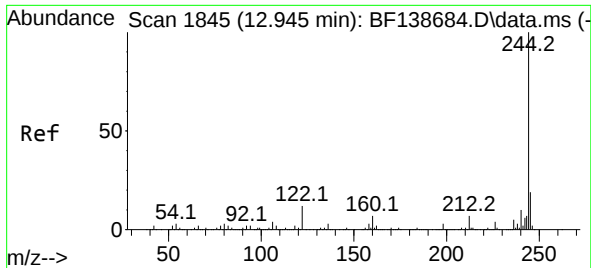
Ion Ratio Lower Upper

184 100

185 16.9 11.1 16.7#

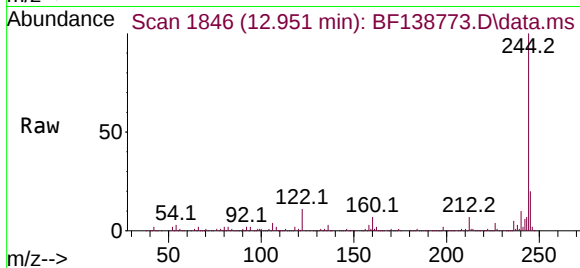
183 7.6 9.6 14.4#



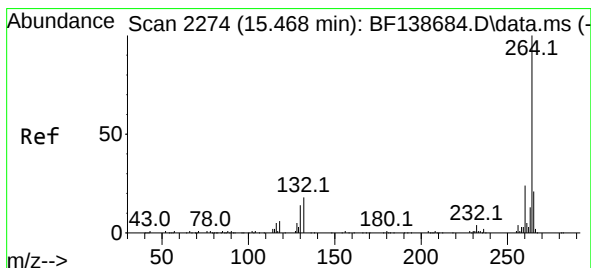
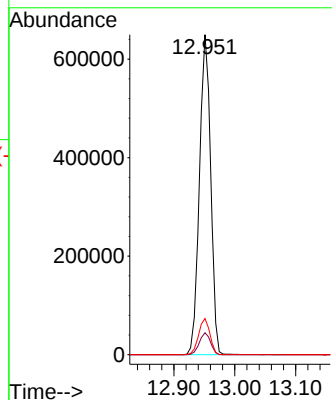
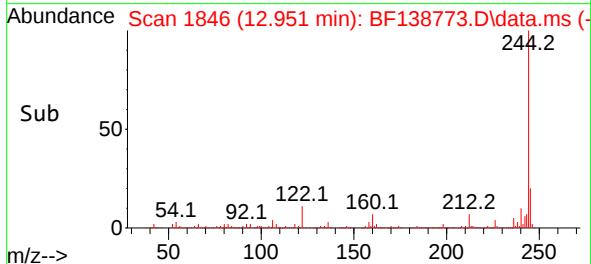


#79
 Terphenyl-d14
 Concen: 107.266 ng
 RT: 12.951 min Scan# 1846
 Delta R.T. 0.006 min
 Lab File: BF138773.D
 Acq: 03 Aug 2024 16:45

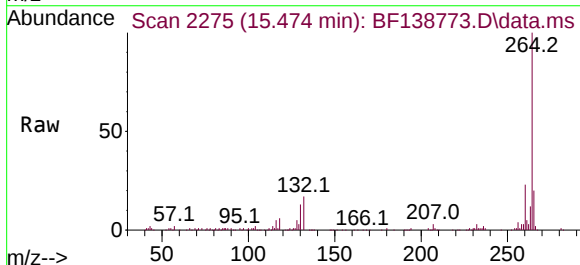
Instrument :
 BNA_F
 ClientSampleId :
 TP3



Tgt Ion:244 Resp: 829729
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 11.3 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2275
 Delta R.T. 0.006 min
 Lab File: BF138773.D
 Acq: 03 Aug 2024 16:45



Tgt Ion:264 Resp: 131437
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.6
 265 20.5 17.0 25.6

